

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2003-340220

(43)Date of publication of application : 02.12.2003

(51)Int.Cl.

B01D 39/16

D04H 1/46

D04H 1/48

D04H 1/54

F02M 35/024

(21)Application number : 2002-151349

(71)Applicant : KUREHA LTD

(22)Date of filing : 24.05.2002

(72)Inventor : NAKAJIMA HIROYUKI

(54) NONWOVEN FABRIC FOR FILTER AND FILTER FOR ENGINE

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a nonwoven fabric for a filter keeping a high collection efficiency with respect to dust and carbon particles over a long period of time, having a holding capacity hard to generate clogging, a manufacturing method therefor and a filter for an engine using the nonwoven fabric.

SOLUTION: The nonwoven fabric is formed by laminating two or more different fiber layers and characterized in that the average pore size of the nonwoven fabric calculated by a bubble point method (based on ASTM F-316-80) using a coal tar porometer II is 30-60 μm and the pore size total area of the whole of the nonwoven fabric is not less than 0.011 cm^2/cm^2 .

LEGAL STATUS

[Date of request for examination] 11.04.2005

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office